

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1127	370/216.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:09
S2	594	370/217.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:09
S3	403	370/218.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:09
S4	203	370/219.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:15
S5	248	370/221.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:15
S6	453	370/222.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:15
S7	485	370/225.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:16
S8	1833	370/241.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:16

## EAST Search History

S9	1010	370/242.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:16
S10	797	370/248.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:16
S11	1290	370/395.1.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:16
S12	661	370/397.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:16
S13	378	370/399.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:16
S14	1858	370/400.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:16
S15	408	370/409.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:16
S16	1275	370/469.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:17

## EAST Search History

S17	6010	S1 or S2 or S3 or S4 or S5 or S6 or S7 or S8 or S9 or S10	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:17
S18	5479	S11 or S12 or S13 or S14 or S15 or S16	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:17
S19	11222	S17 or S18	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:49
S20	7175	((detect\$4 or encounter\$4 or identif\$4 or notic\$4 or observ\$4 or determin\$4) same (trouble or congestion or malfunction or fail\$4 or corrupt\$4) same (layer or atm or sdh or sonet or ip or osi or mspp or mstp or over)).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 08:55
S21	225	S20 and S19	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:54
S22	23329082	(@ad<="20020724" or @rlad<="20020724" or @ptad<="20020724")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:56
S23	177	S21 and S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 15:59
S24	4562616	(bypass\$4 or rerout\$4 or alternat\$4 or protect\$4 or failover or redirect\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 16:00

## EAST Search History

S25	132	S23 and S24	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 16:11
S26	5531518	(inform\$4 or advic\$4 or signal\$4 or notif\$4 or instruct\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 16:12
S27	169	S23 and S26	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 16:13
S28	3094	((detect\$4 or encounter\$4 or identif\$4 or notic\$4 or observ\$4 or determin\$4) same (trouble or congestion or malfunction or fail\$4 or corrupt\$4 or defect) same (layer or atm or sdh or sonet or ip or osi or mspp or mstp or over) same (inform\$4 or advic\$4 or signal\$4 or notif\$4 or instruct\$4)).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 16:29
S29	82	S28 and S19	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 16:31
S30	73	S29 and S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/26 16:50
S31	17	((detect\$4 or encounter\$4 or identif\$4 or notic\$4 or observ\$4 or determin\$4) same (trouble or congestion or malfunction or fail\$4 or corrupt\$4) same (atm or IP) same (sdh or sonet)).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:12
S32	23329836	(@ad<="20020724" or @rlad<="20020724" or @ptad<="20020724")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:08

## EAST Search History

S33	9	S31 and S32	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:54
S34	52	((detect\$4 or encounter\$4 or identif\$4 or notic\$4 or observ\$4 or determin\$4) same (trouble or congestion or malfunction or fail\$4 or corrupt\$4) same (atm or IP) same (sdh or sonet)).bsum.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:52
S35	47	S34 and S32	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:13
S36	1452	((detect\$4 or encounter\$4 or identif\$4 or notic\$4 or observ\$4 or determin\$4) same (trouble or congestion or malfunction or fail\$4 or corrupt\$4 or error or defect) same layer same (inform\$4 or advic\$4 or signal\$4 or notif\$4 or instruct\$4)).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 10:14
S37	1057	S36 and S32	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S38	1128	370/216.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S39	596	370/217.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S40	404	370/218.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55

## EAST Search History

S41	203	370/219.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S42	249	370/221.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S43	455	370/222.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S44	486	370/225.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S45	1834	370/241.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S46	1012	370/242.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S47	797	370/248.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S48	1291	370/395.1.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55

## EAST Search History

S49	661	370/397.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S50	378	370/399.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S51	1860	370/400.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S52	409	370/409.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S53	1276	370/469.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S54	6017	S38 or S39 or S40 or S41 or S42 or S43 or S44 or S45 or S46 or S47	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S55	5484	S48 or S49 or S50 or S51 or S52 or S53	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S56	11234	S54 or S55	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55

## EAST Search History

S57	19	S37 and S56	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 09:55
S58	346	((high\$4 or upper) layer) same (low\$4 layer) same (trouble or congestion or malfunction or fail\$4 or corrupt\$4 or error or defect) same (inform\$4 or advic\$4 or signal\$4 or notif\$4 or instruct\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 10:17
S59	22	S58 and S56	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 10:17
S60	18	S59 and S32	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/27 10:18
S61	21	(US-20050185576-\$ or US-20050128942-\$ or US-20040233853-\$ or US-20010038606-\$ or US-20010012267-\$ or US-20040252688-\$ or US-20010046206-\$ or US-20020188756-\$ or US-20020178397-\$ or US-20020021670-\$).did. or (US-6922409-\$ or US-6952395-\$ or US-7043662-\$ or US-6801504-\$ or US-6424629-\$ or US-6411600-\$ or US-6226260-\$ or US-6768746-\$ or US-6553034-\$ or US-5838924-\$ or US-6282173-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/11/27 10:29



## EAST Search History

S62	21	(US-20050185576-\$ or US-20050128942-\$ or US-20040233853-\$ or US-20010038606-\$ or US-20010012267-\$ or US-20040252688-\$ or US-20010046206-\$ or US-20020188756-\$ or US-20020178397-\$ or US-20020021670-\$).did. or (US-6922409-\$ or US-6952395-\$ or US-7043662-\$ or US-6801504-\$ or US-6424629-\$ or US-6411600-\$ or US-6226260-\$ or US-6768746-\$ or US-6553034-\$ or US-5838924-\$ or US-6282173-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/11/27 10:29
S63	9	S62 and layer.ab.	US-PGPUB; USPAT	ADJ	ON	2007/11/27 10:59
S64	2	09/617837	US-PGPUB; USPAT	ADJ	ON	2007/11/27 10:59